



MATERIAL SAFETY DATA SHEET

Issue date: 25th August, 2010

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TREMSil® 890

Company: Tremco Pty Limited ABN 25 000 024 064
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955
Emergency Phone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 250200 Charcoal 300g Plastic Cartridge
Recommended
Use: Sealant and adhesive
Manufacturer's Product
Code: P40
Proper Shipping
Name: None

2. HAZARDS IDENTIFICATION

CLASSIFIED AS NON-HAZARDOUS ACCORDING TO THE CRITERIA OF
WORKSAFE AUSTRALIA

Safety Phrases: S2 Keep out of the reach of children
S/2425 Avoid contact with skin and eyes
S36/37/39 Wear suitable protective clothing, gloves and
eye/face protection
S51 Use only in well ventilated areas

Risk Phrases: R36/37/38 Irritating to eyes respiratory system and skin
R43 May cause sensitisation by skin contact

Symbol: Xi Irritant

Emergency Overview

Paste.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Limestone	1317-65-3	30-60%
Dimethyl siloxane, hydroxyl-terminated	70131-67-8	30-60%
Polydimethylsiloxane	63148-62-9	10-<30%
Di (ethylmethylketoxime) methoxymethyl silane	83817-72-5	<10%

Ingredients determined not to be hazardous to 100%

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with plenty of water for at least 15 minutes and get medical attention immediately.

Skin contact : Immediately remove product from skin and flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist

Ingestion : Get medical attention immediately. Call nearest Poisons Information Centre (Ph: 13 11 26 in all states) or Physician immediately.

First Aid Facilities

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Note to Doctor

Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash point : Not applicable

Flammable limits:

Lower: Not determined

Upper: Not determined

Suitable Extinguishing

Media: On large fires use dry chemical, foam or water spray. On small fires use Carbon Dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing

Media: None established

Unusual Firefighting

Hazards: None

Hazards from

Combustion Products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde. Metal oxides.

Precautions for Fire

Fighters and Special

Protective Equipment: Determine the need to evacuate or isolate the area according to your local emergency plan. Use water

spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

Hazchem Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Remove all ignition sources. Keep people away. Avoid breathing vapours.

Methods & Materials for Containment and Clean Up Procedures:

Observe all personal protective equipment recommendations described in this MSDS. If diked, material can be pumped, store recovered material in appropriate container. Wipe up or scrap up and contain for salvage disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

7. HANDLING & STORAGE

Precautions for Safe Handling:

Use with adequate ventilation. Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime (MEKO) with exposure guidelines or use respiratory protection. Avoid skin and eye contact. Avoid breathing vapour. Keep container closed. Do not take internally. Remove contaminated clothing immediately. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Conditions for Safe Storage:

Use reasonable care and store away from oxidizing materials.

Keep container closed and store away from water or moisture.

Unsuitable Packaging

Materials: None established

Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

Ingredients

Exposure Limits

Methyl
tri(ethylmethylketoxime)
silane

See Ethyl methyl ketoxime comments

Methylethyleketoxime

Vendor guide: TWA 3ppm, STEL 10ppm. AIHA WEEL:
TWA 10ppm.
No biological limit allocated

Di (ethylmethylketoxime)
Methoxymethyl silane

See methyl alcohol and ethyl methyl ketoxime comments
No biological limit allocated

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within the following exposure guidelines: Vendor guide TWA: 3ppm, STEL: 10ppm; AIHA WEEL TWA: 10ppm.

Engineering Controls

Local exhaust: Recommended

General ventilation: Recommended

Personal Protective Equipment

Respiratory: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls

Suitable Respirator: Organic Vapour Type

Hand: Butyl Rubber. Natural Rubber. Neoprene Rubber. Nitrile Rubber

Eye: Use proper protection – safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended

Personal Hygiene: Remove contaminated clothing immediately.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	Paste
Colour :	Black or Grey
Odour :	Not determined
pH :	Not determined
Vapour pressure :	Not determined
Vapour density :	Not determined
Melting point/range :	Not determined
Water solubility :	Not determined
Specific Gravity :	1.38 (25°C)
Boiling Point :	Not determined
Flashpoint :	Not determined
Upper Flammability Limit :	Not determined
Lower Flammability Limit :	Not determined
Autoignition Temperature :	Not determined
Viscosity :	Not determined

10. STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY
(material to avoid): Oxidizing material can cause a reaction.

HAZARDOUS DECOMPOSITION
OR BY-PRODUCT: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde. Metal oxides.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITION TO AVOID: None

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion : Low ingestion hazard in normal use
Eye : Direct contact may cause mild irritation
Skin : May cause moderate irritation
Inhalation : Irritates respiratory passages very slightly.
Vapour overexposure may cause drowsiness

Chronic

Ingestion : Repeated ingestion or swallowing large amounts may injure internally.
Skin : Repeated skin contact may cause allergic skin reaction.
Inhalation : Overexposure by inhalation may injure the following organs : Blood, Liver

Other Health Hazard Information : Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapour throughout their lifetime developed liver cancer. Additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of in accordance with local regulations.

Packaging Disposal: Packaging should be disposed of in accordance with regional and/or national regulations.

Observe all federal, state, and local laws and regulations.

14. TRANSPORT INFORMATION

UN Number:	Not applicable
Packaging Group:	None
Proper Shipping Name:	None allocated
Technical Shipping Name:	None
Marine Pollutant:	None
Hazchem Code:	Not applicable

15. REGULATORY INFORMATION

Classification: Xi Irritant

Risk & Safety Phrases listed in Section 2

Poisons Schedule: None assigned

If used according to manufacturer's conditions this product is safe to use.

Non hazardous classified according to the criteria of Worksafe Australia

16. OTHER INFORMATION

For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: www.tremco.com.au

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.